



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Friday January 15, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Windy conditions today across TX, OK, AR, and LA. Strongest wind gusts of 55 mph to 65 mph likely in the NE TX Panhandle, OK Panhandle, and NW OK.**
- **Elevated to isolated critical fire weather conditions today over the TX/OK Panhandles, W OK & NW/Central TX.**
- **Minor river flooding will continue over E TX, LA, & S AR.**

FEMA Region 6 Threat Matrix

Jan 15, 2021 - Jan 19, 2021



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DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms					
Heavy Rain / Flash Flooding					
Fire Weather	Panhandles, W OK, NW/Central TX				
Winter Weather				NM	NM
River Flooding	ETX, LA, SAR	ETX, LA, SAR	ETX, LA, SAR	ETX, LA, SAR	ETX, LA, SAR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status

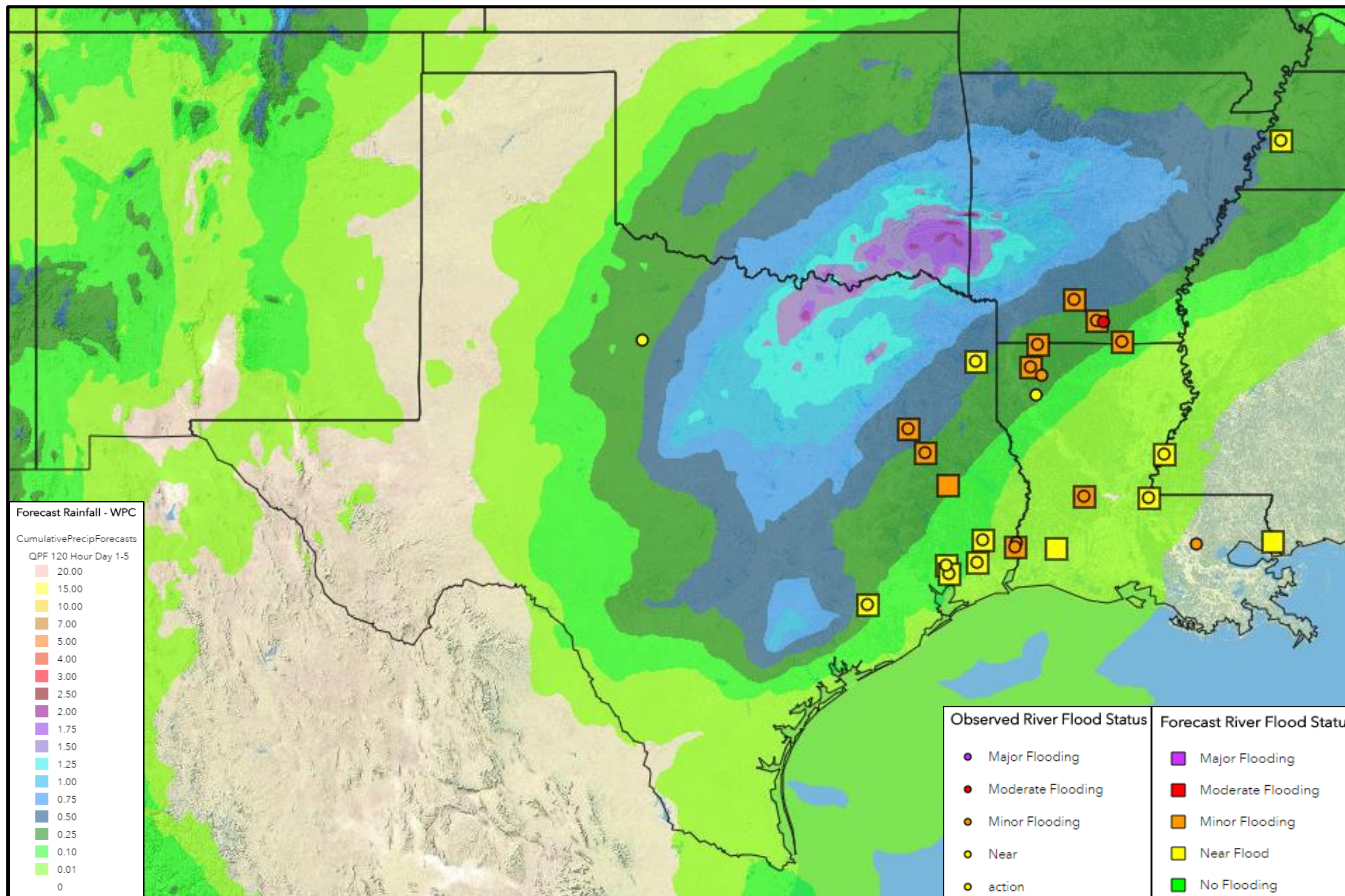


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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

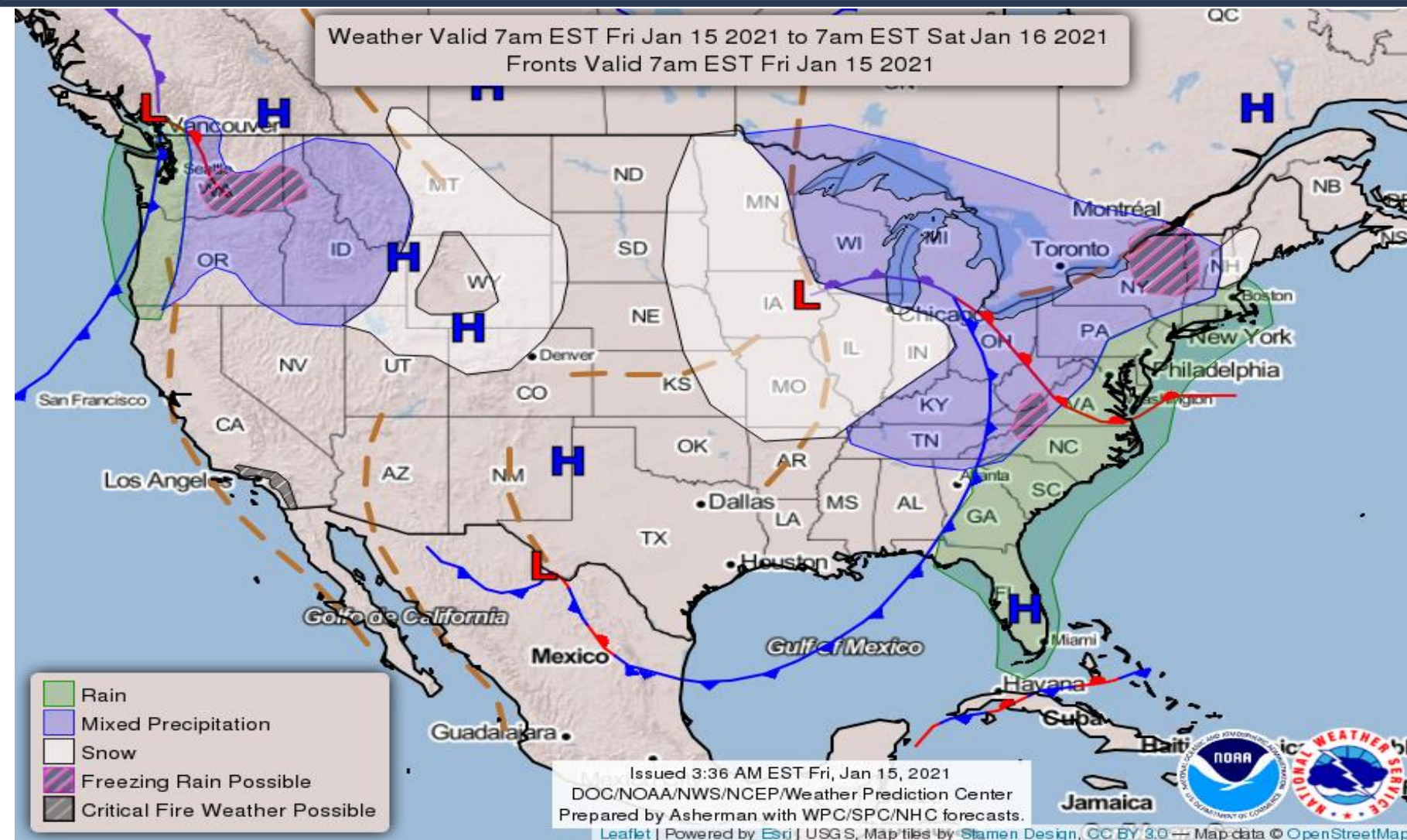
Minor river flooding will continue across E TX, LA, and AR with impacts being flooding of farmlands, timberlands, and low lying roads.

The Ouachita River at Moro Bay State Park is in Moderate flood stage, with possible impacts to the campgrounds at the state park.

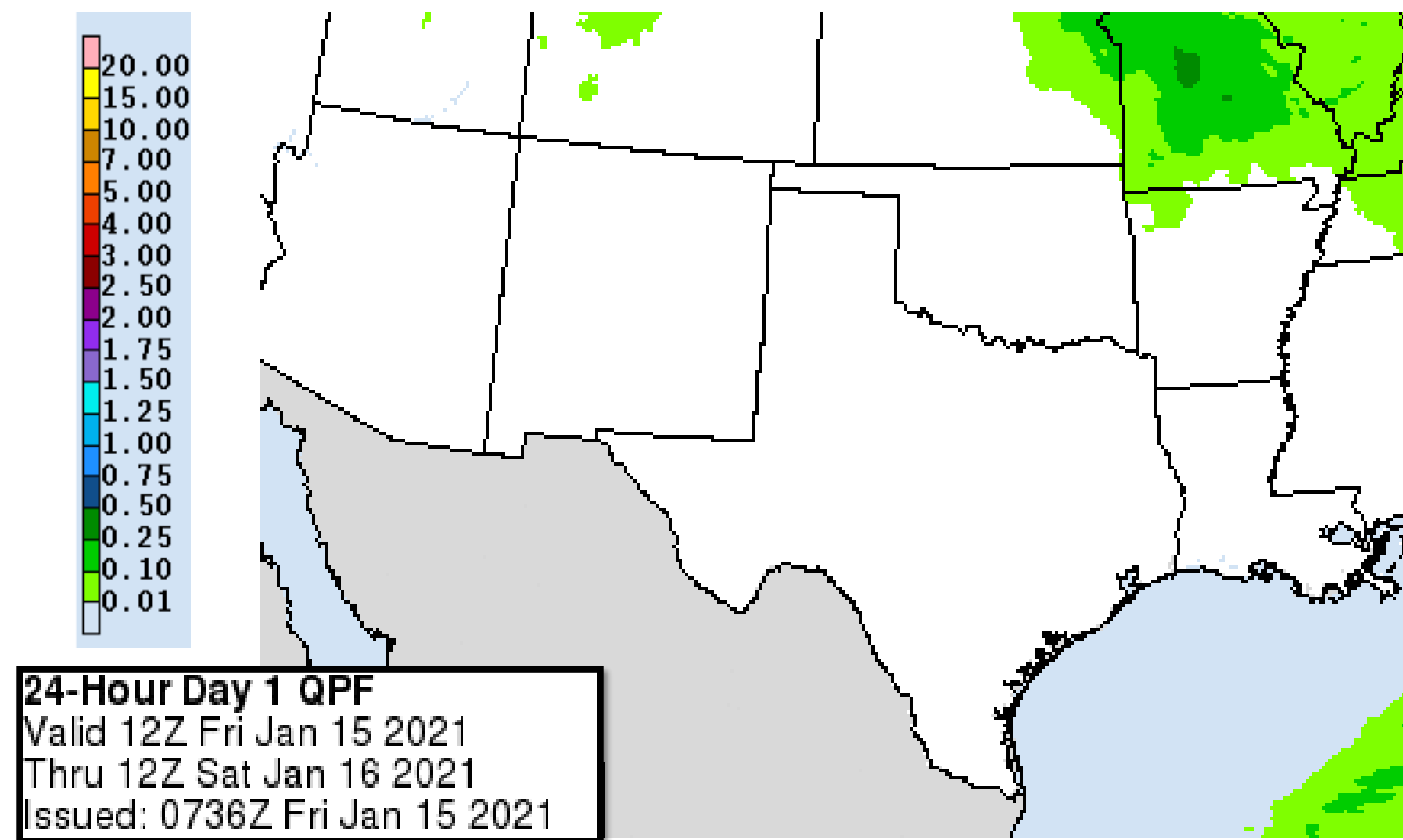


Today's Weather

Forecast Chart



Forecast Rainfall

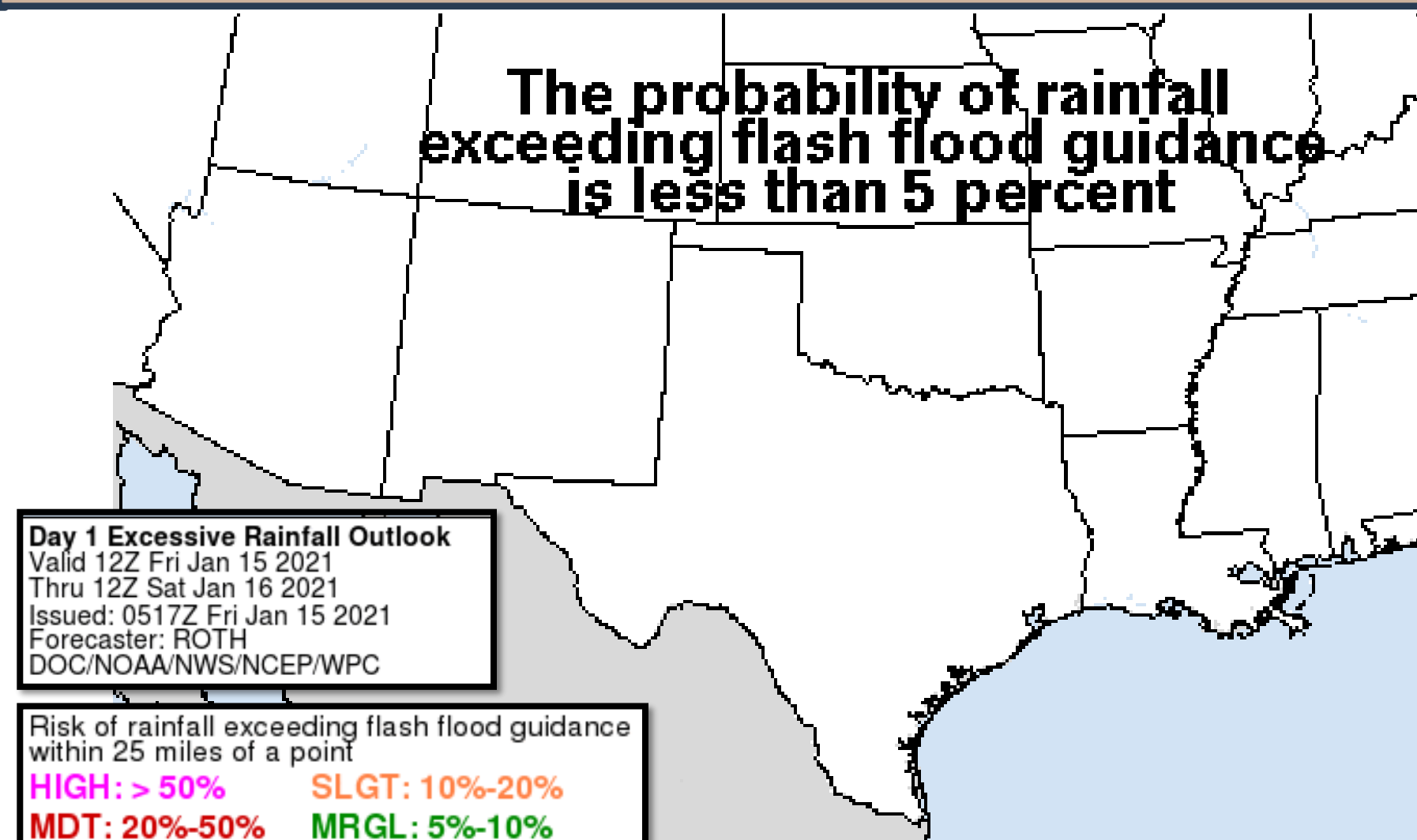


Windy conditions today across TX, OK, LA, and AR.

Severe Weather Outlook



Excessive Rainfall Outlook

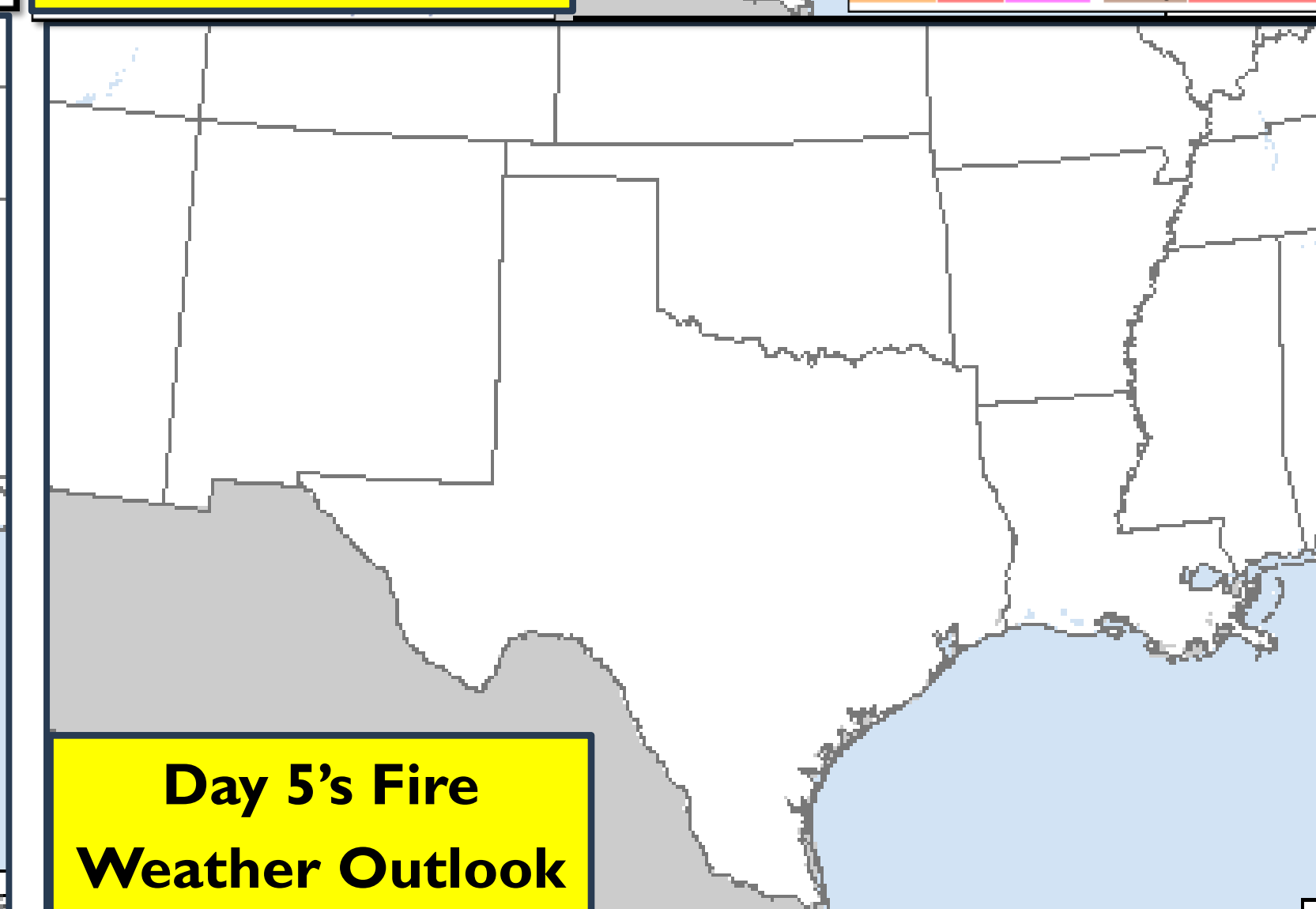
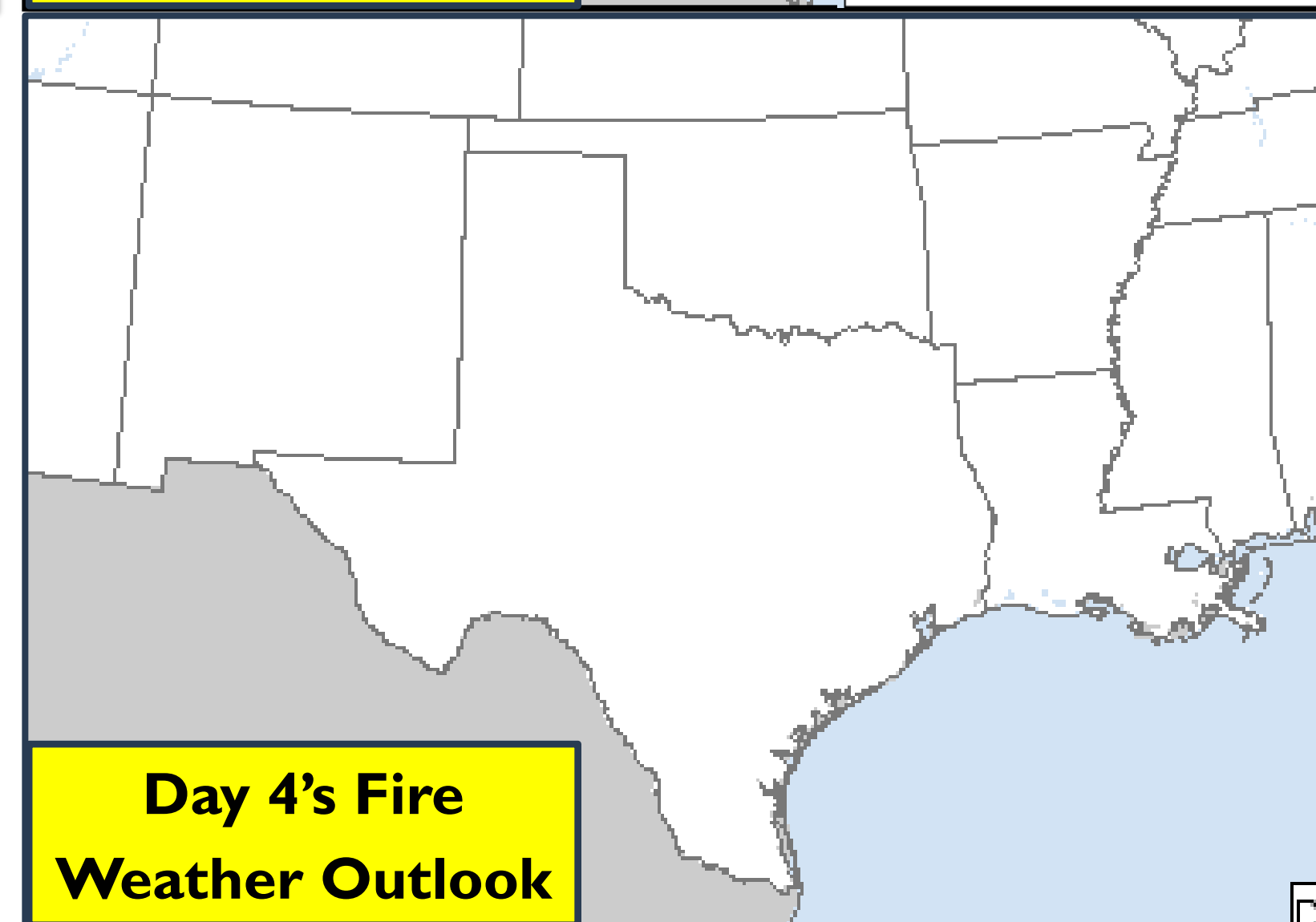
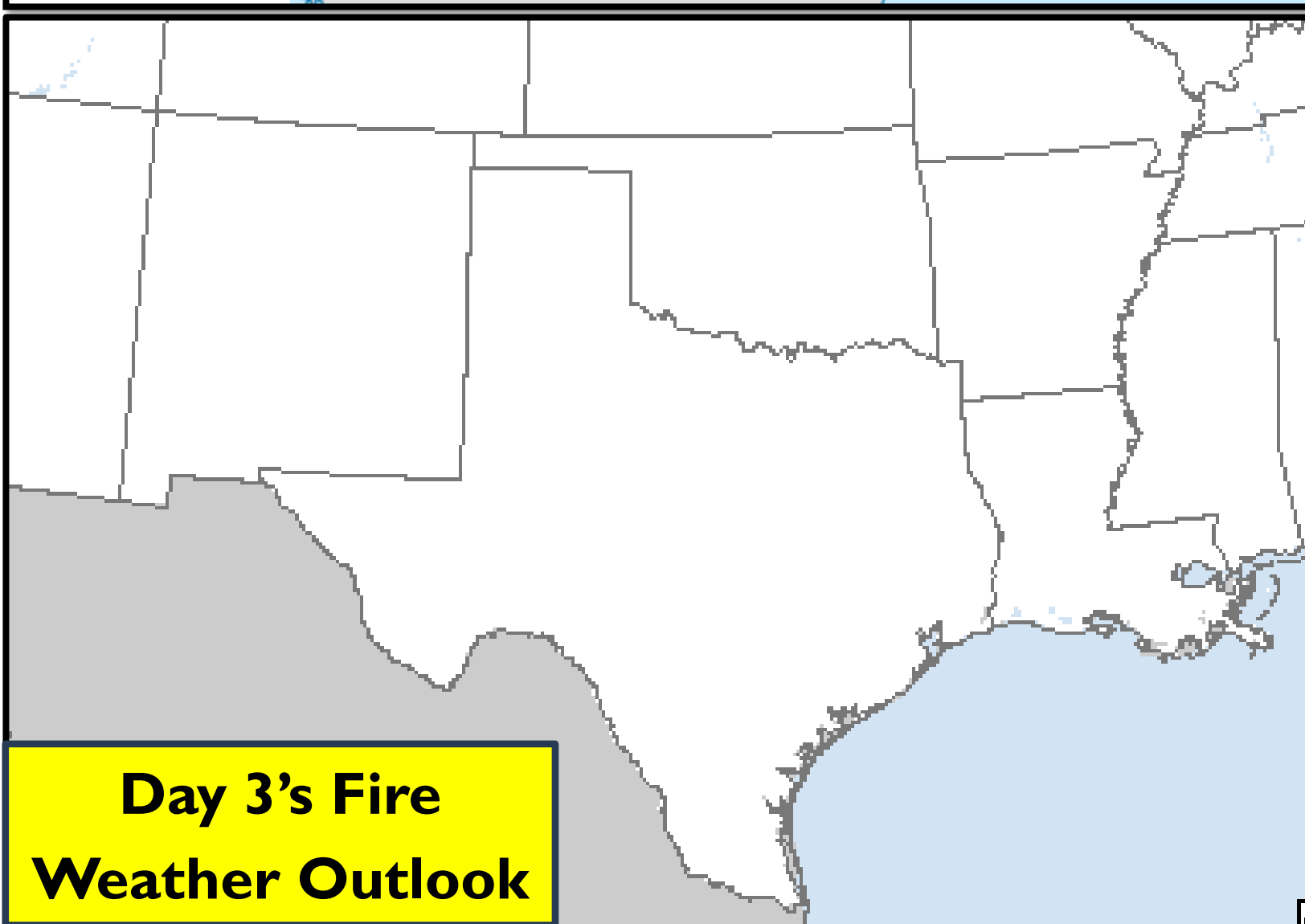
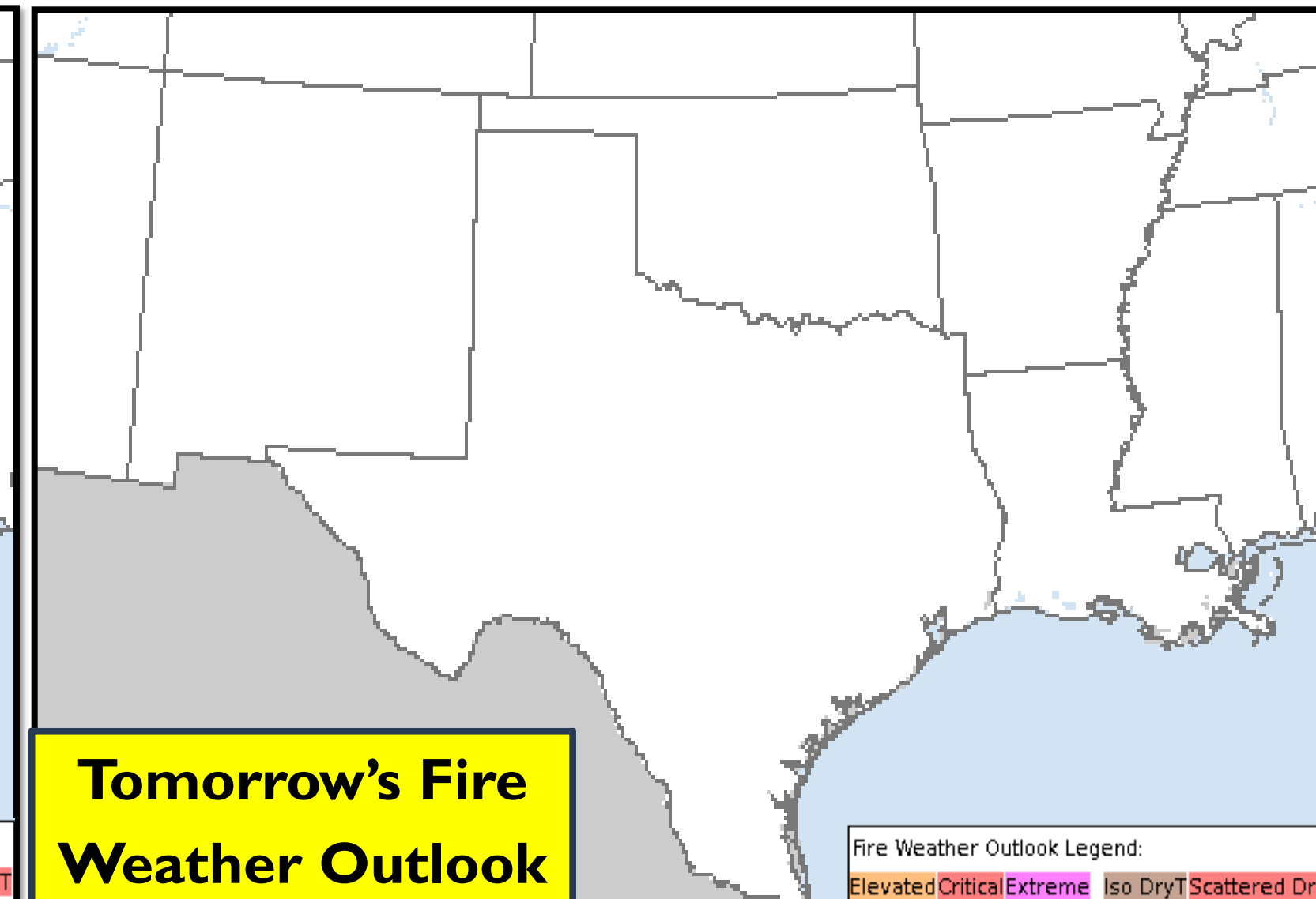
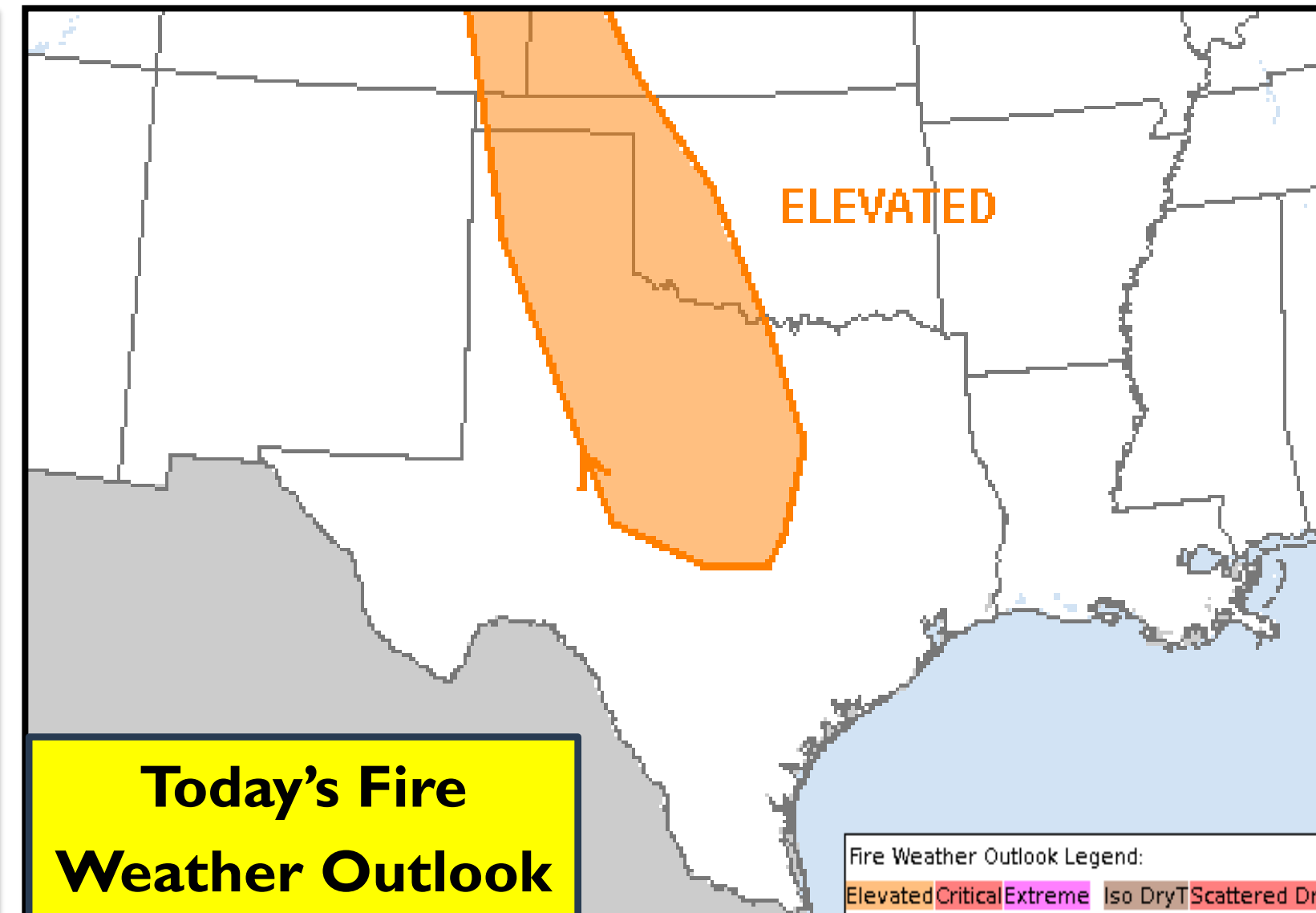
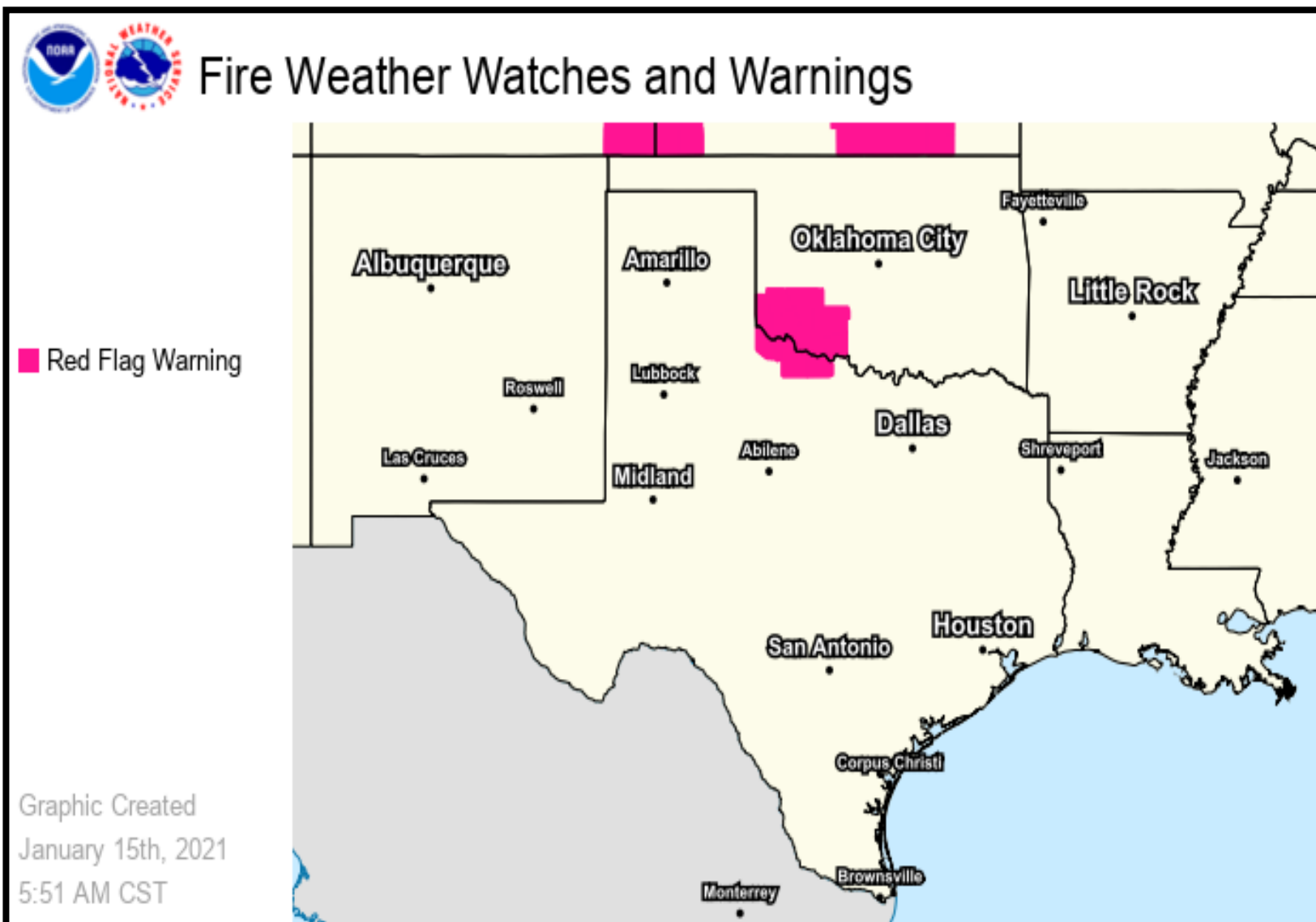


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Fire Weather Outlooks



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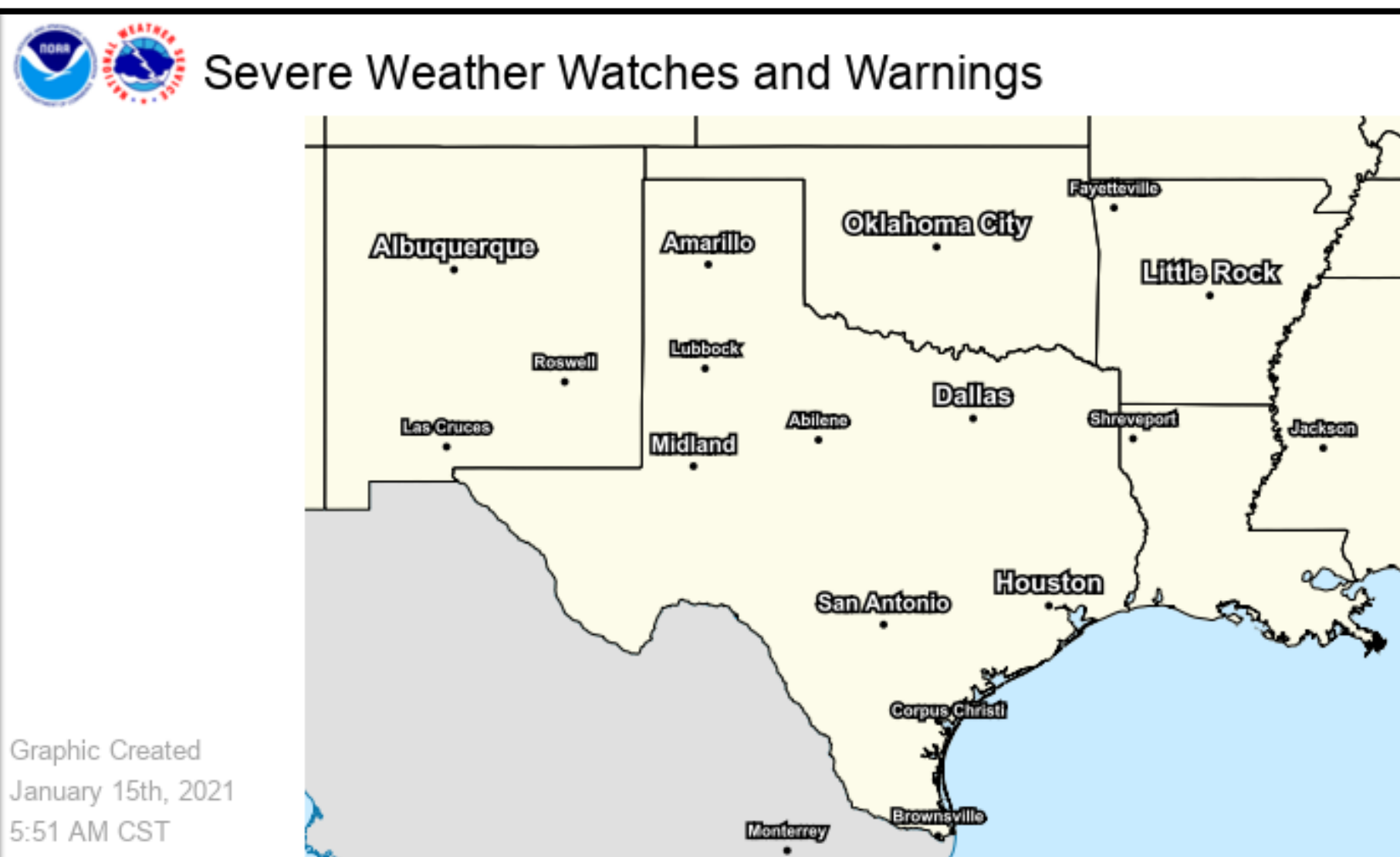
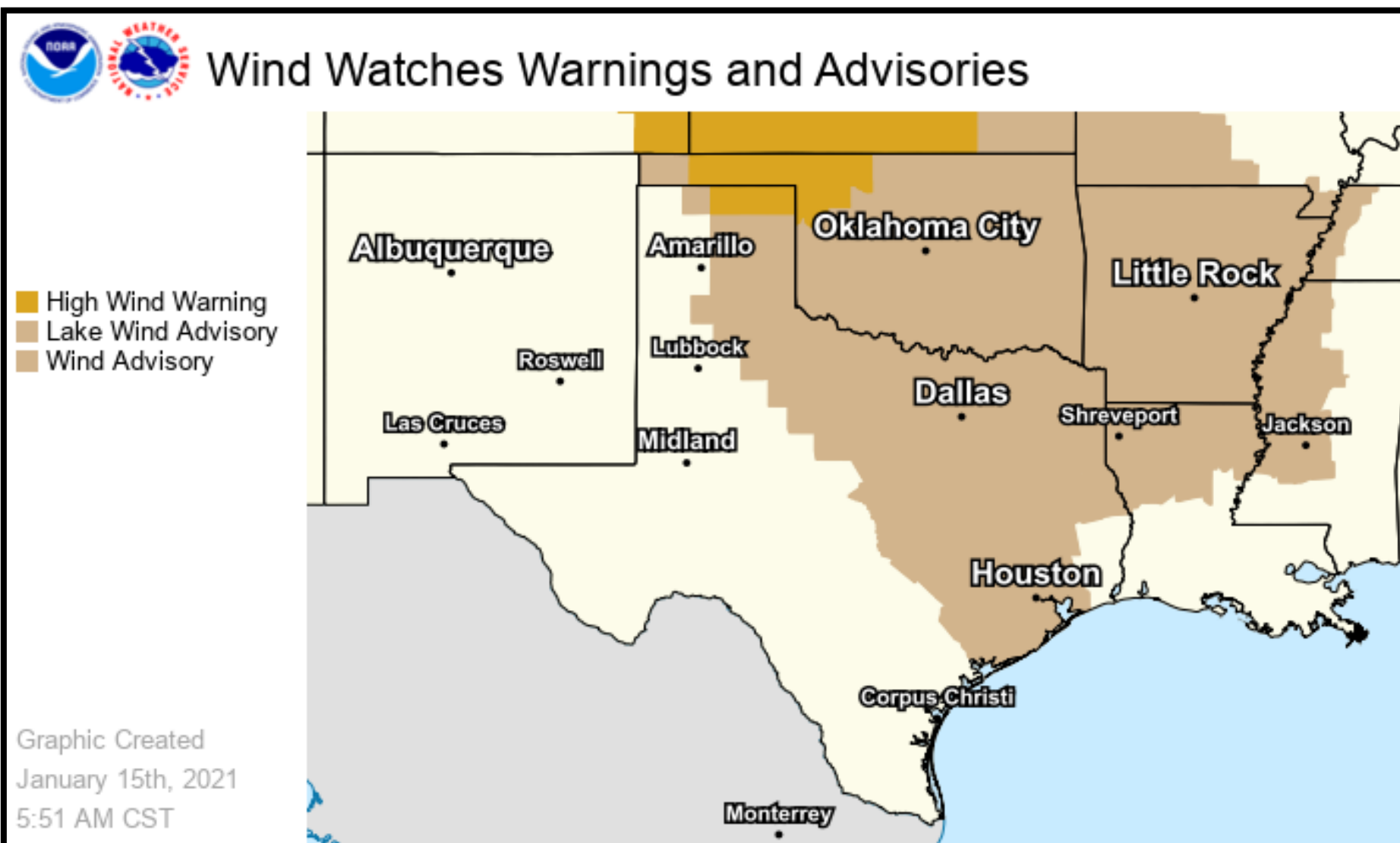


Watches, Warnings, and Advisories

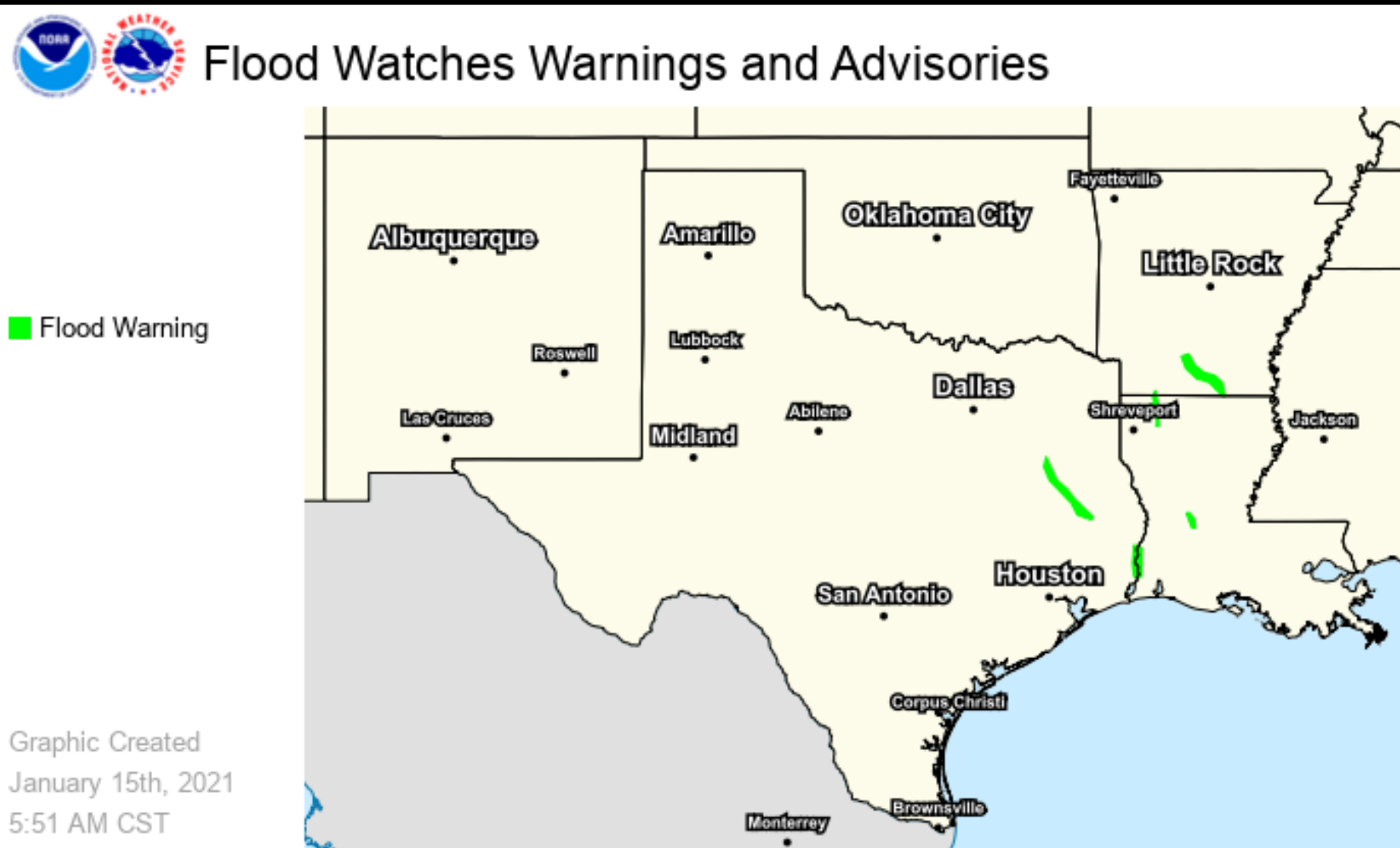
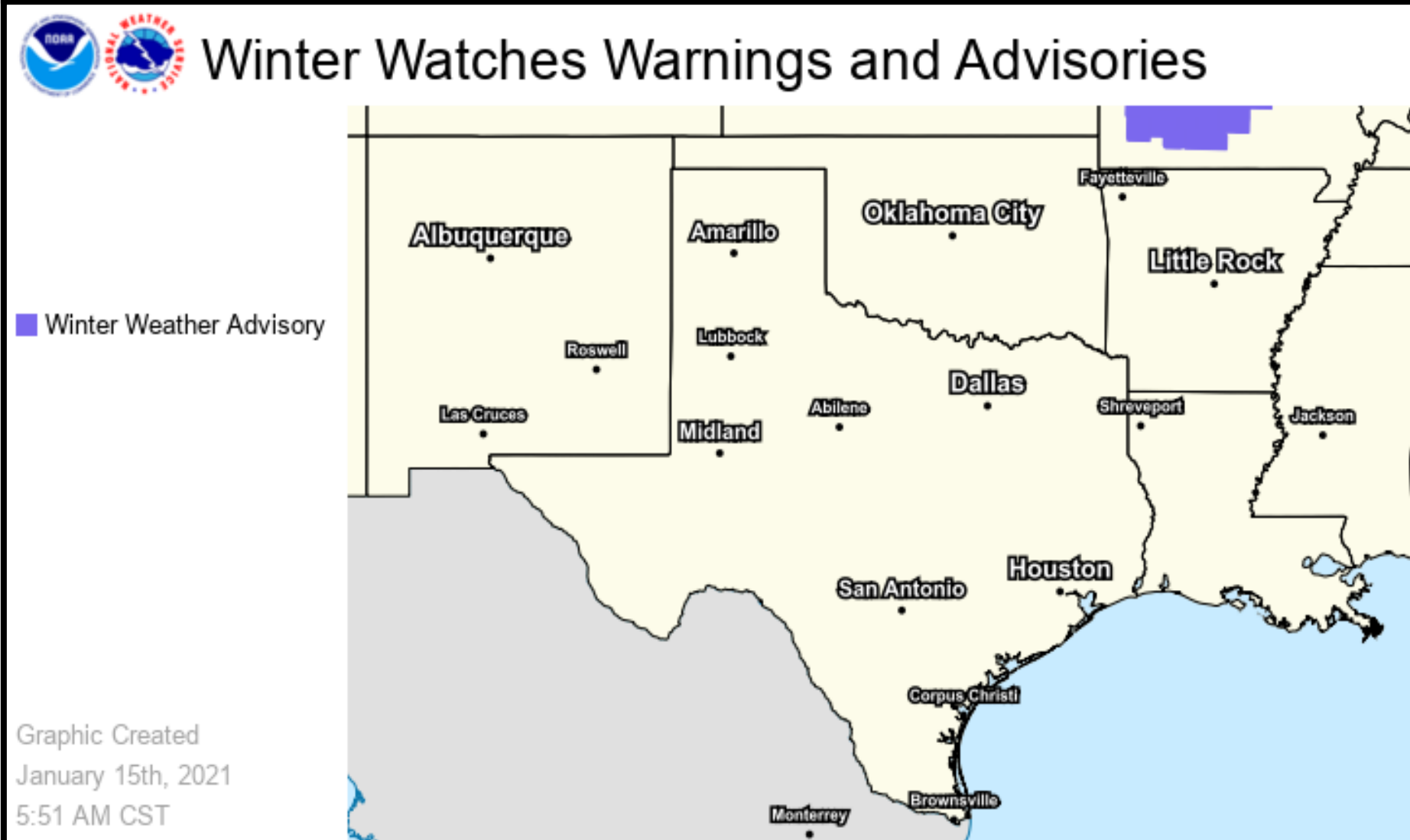
Wind, Severe, Winter, and Flood Hazards



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High Wind Warnings and Wind Advisories in effect today.

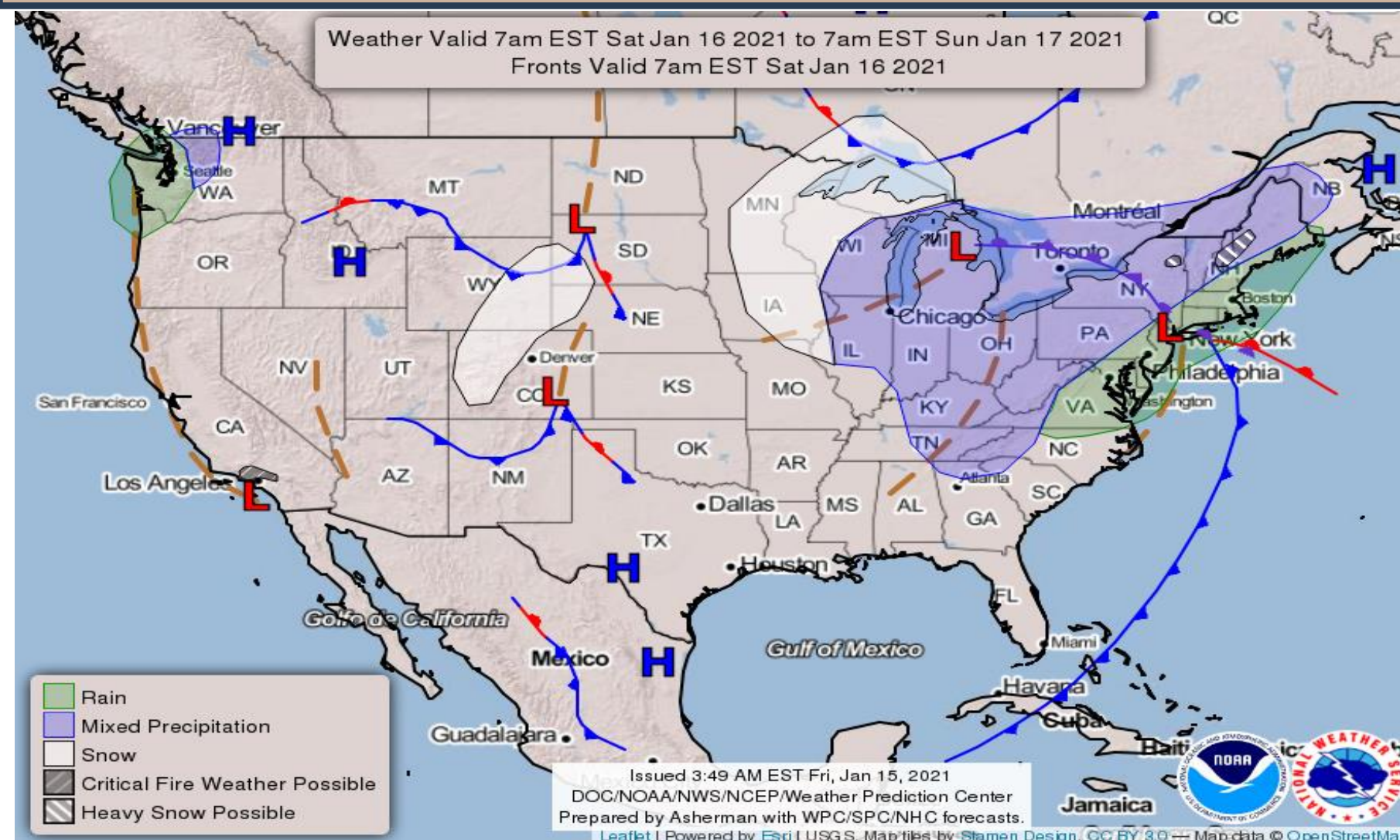


Tomorrow's Weather

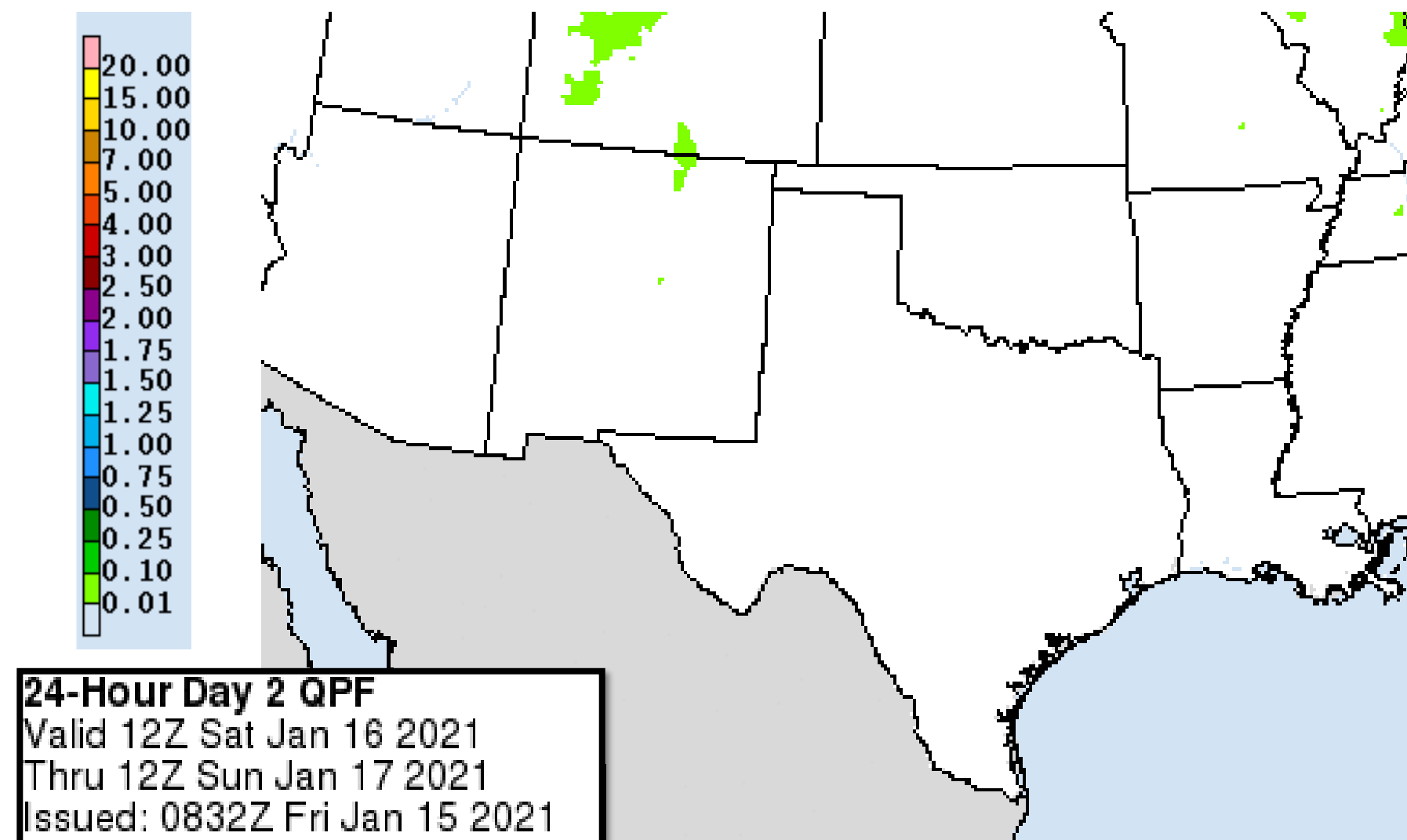


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Forecast Chart

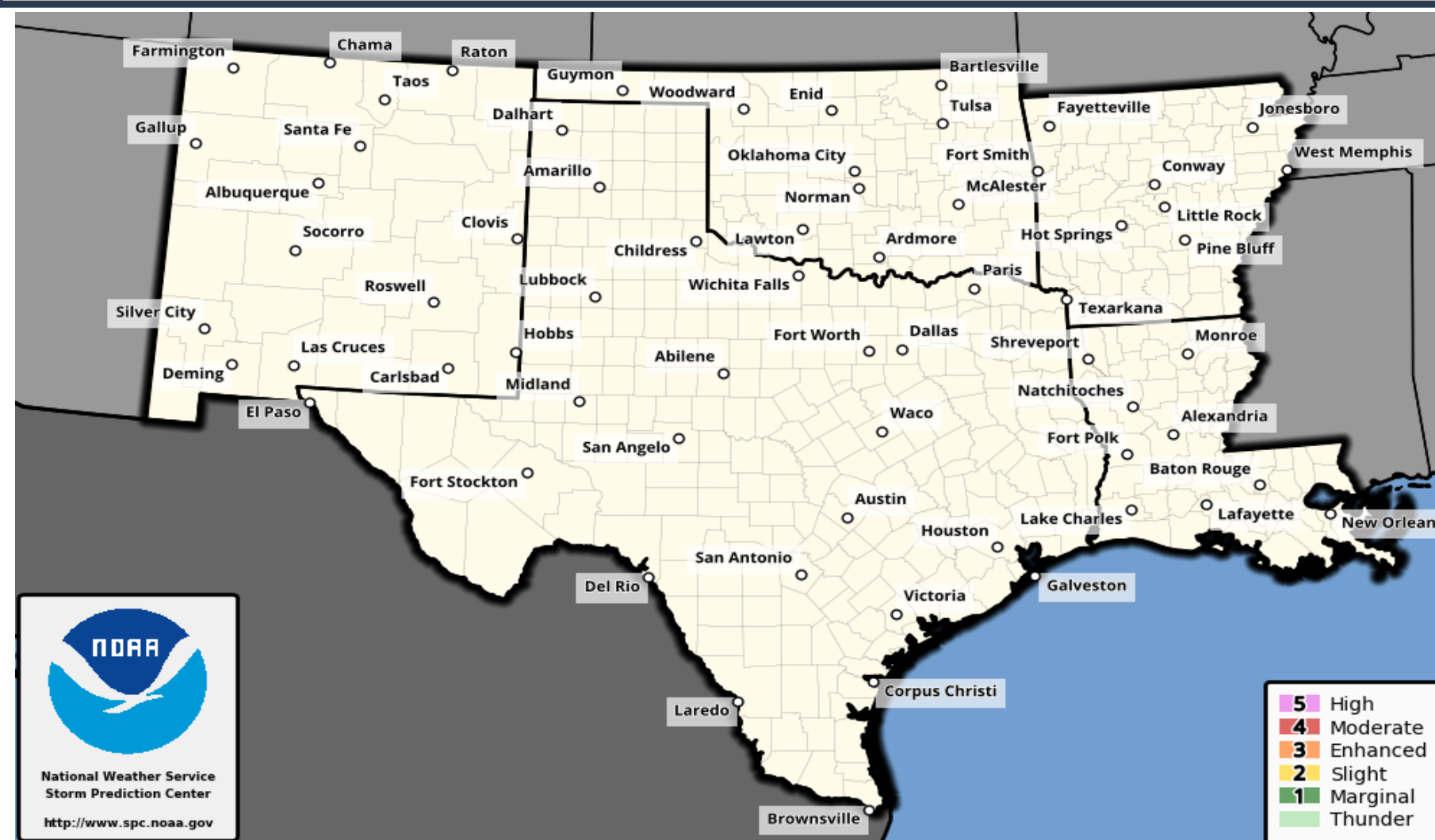


Forecast Rainfall

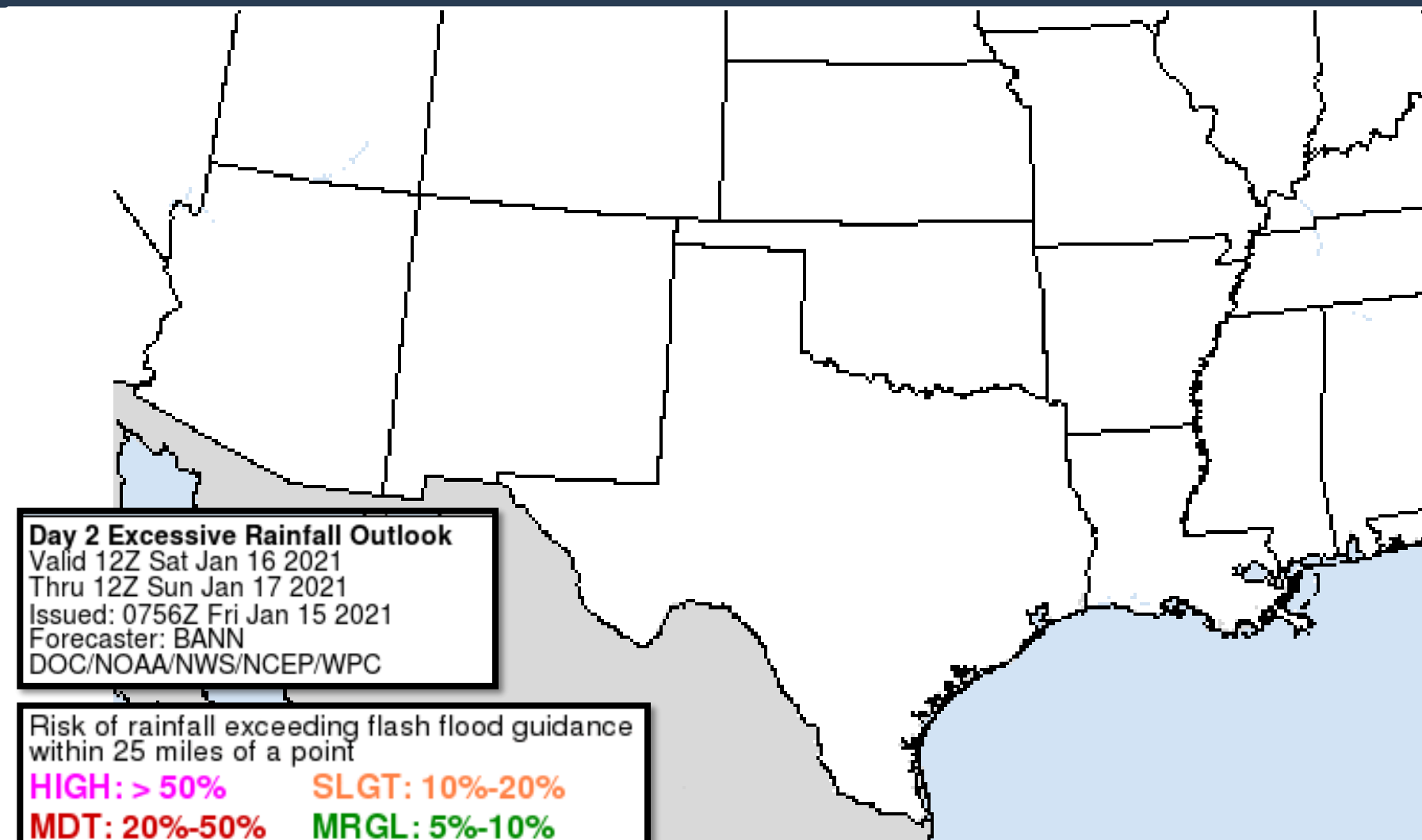


No significant weather
expected.

Severe Weather Outlook

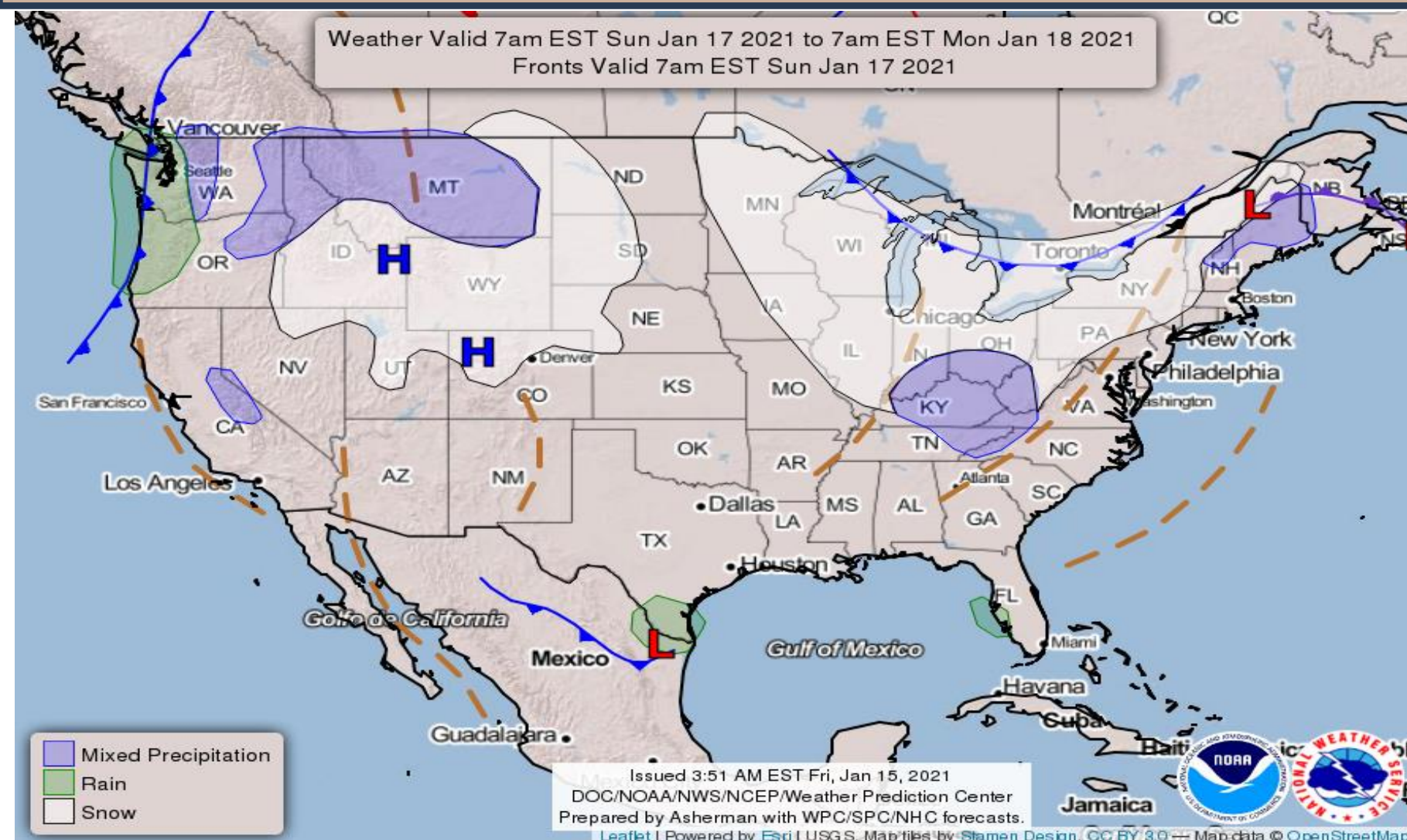


Excessive Rainfall Outlook

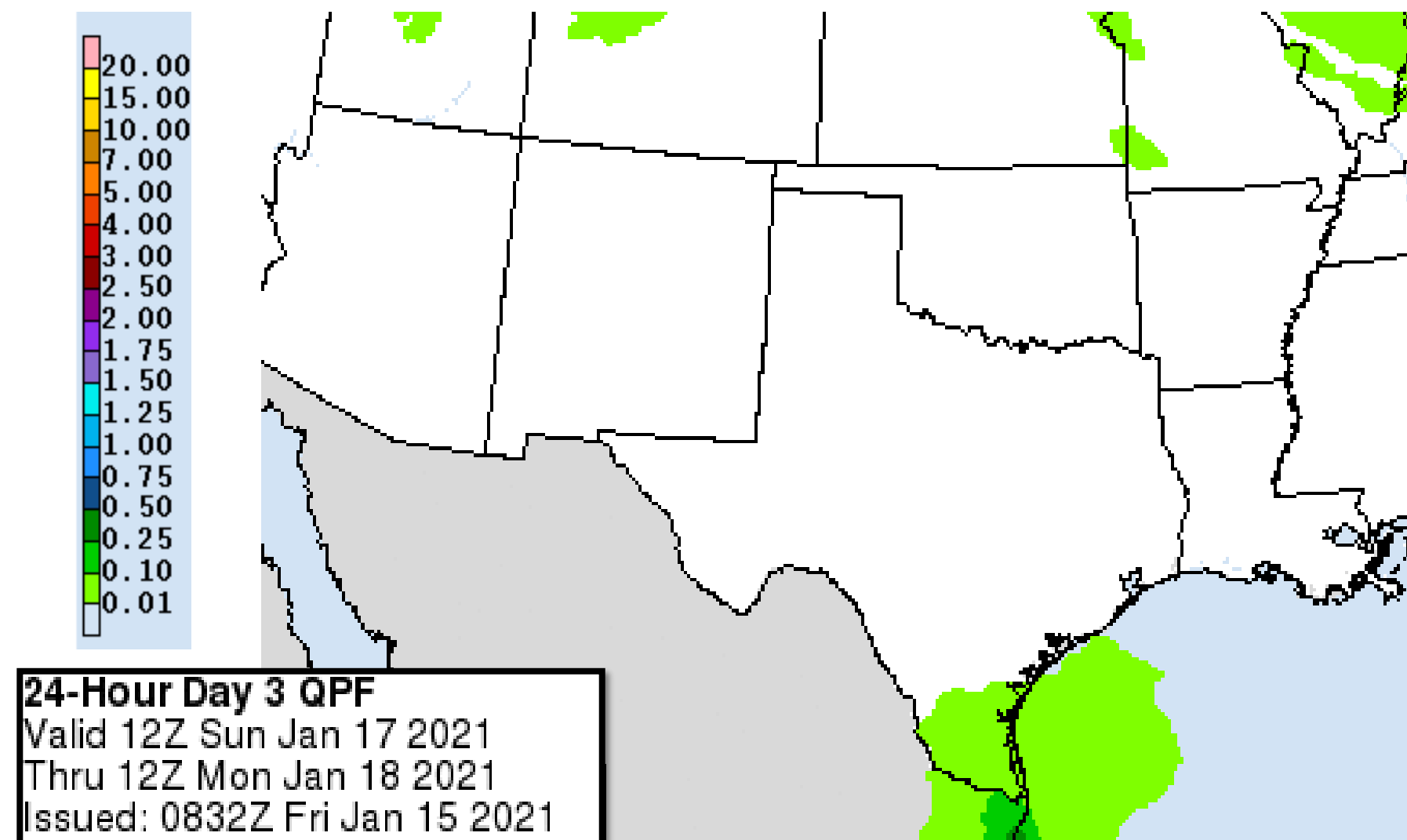


Sunday's Weather

Forecast Chart

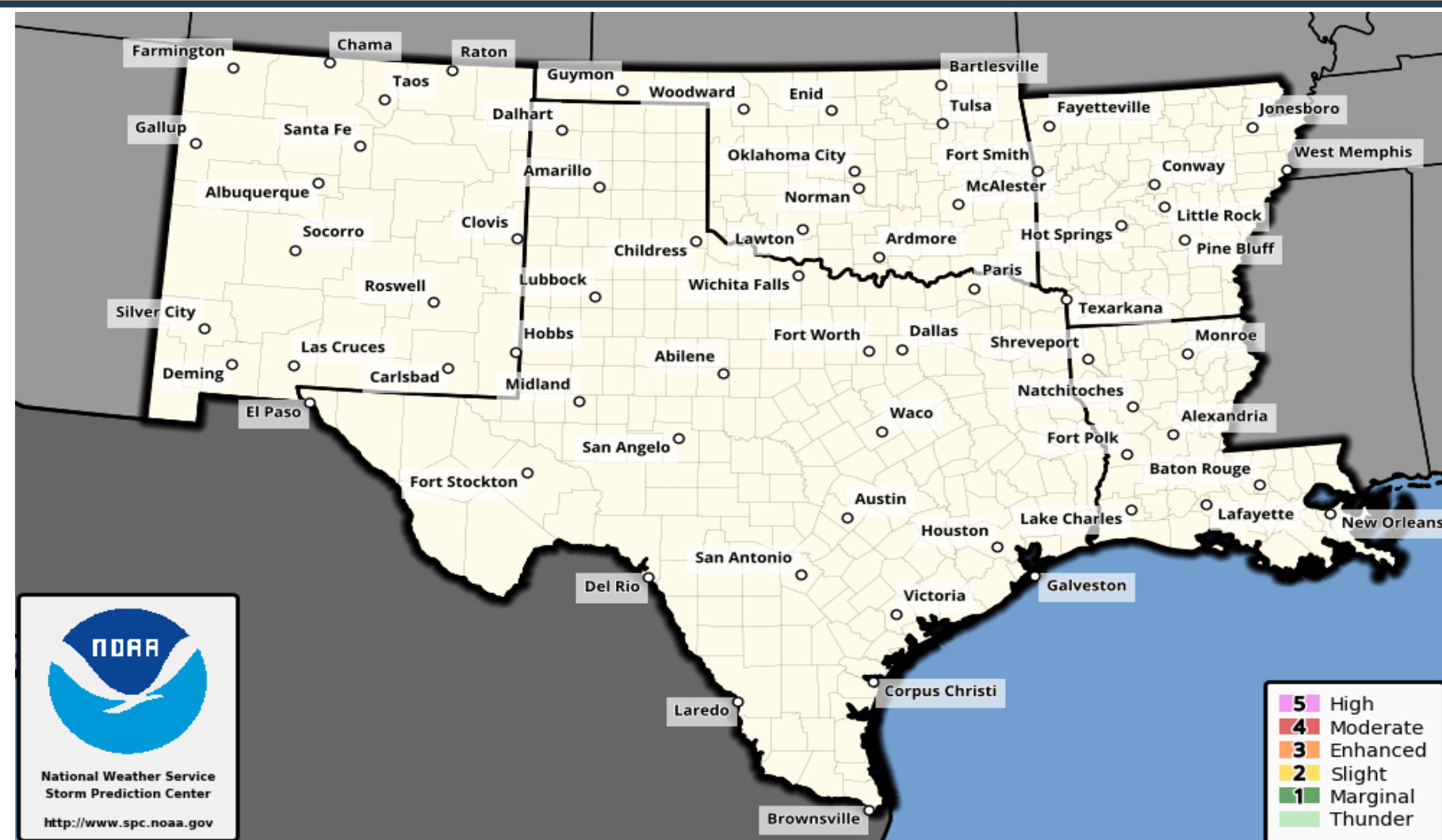


Forecast Rainfall

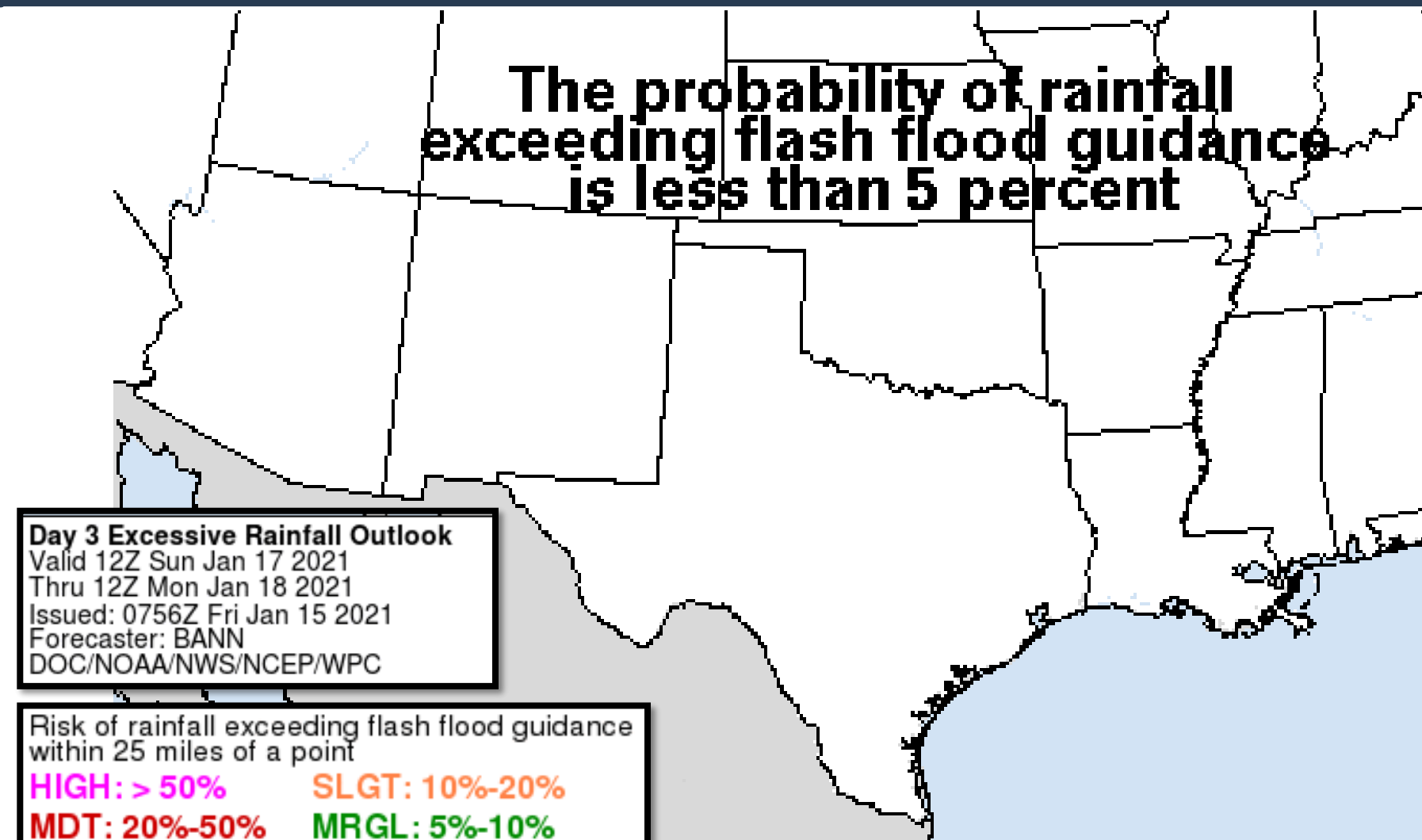


No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook



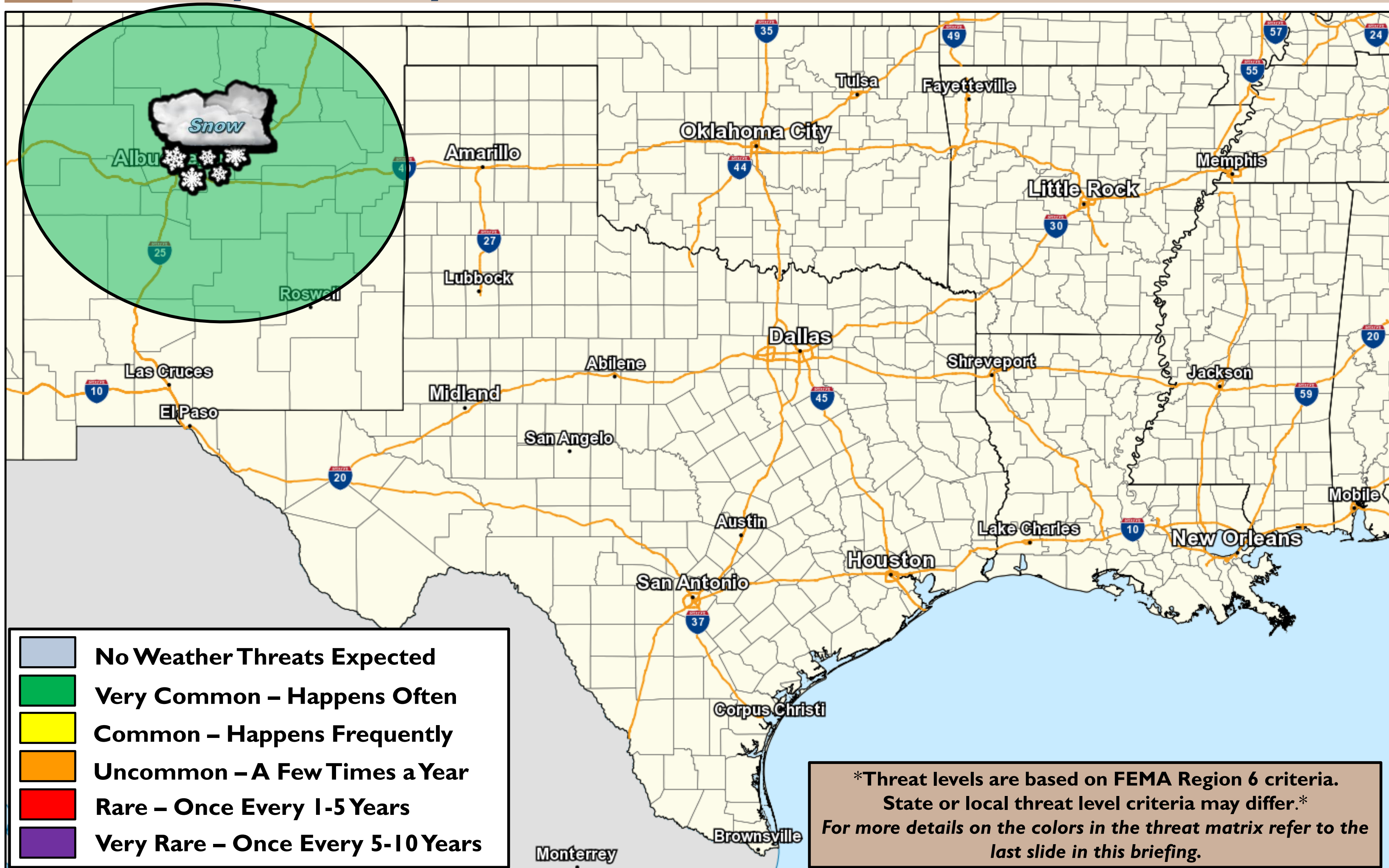
Days 4-5 Weather Hazards

Monday - Tuesday



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Widespread snow accumulations possible across much of northern and central NM Monday into Tuesday.



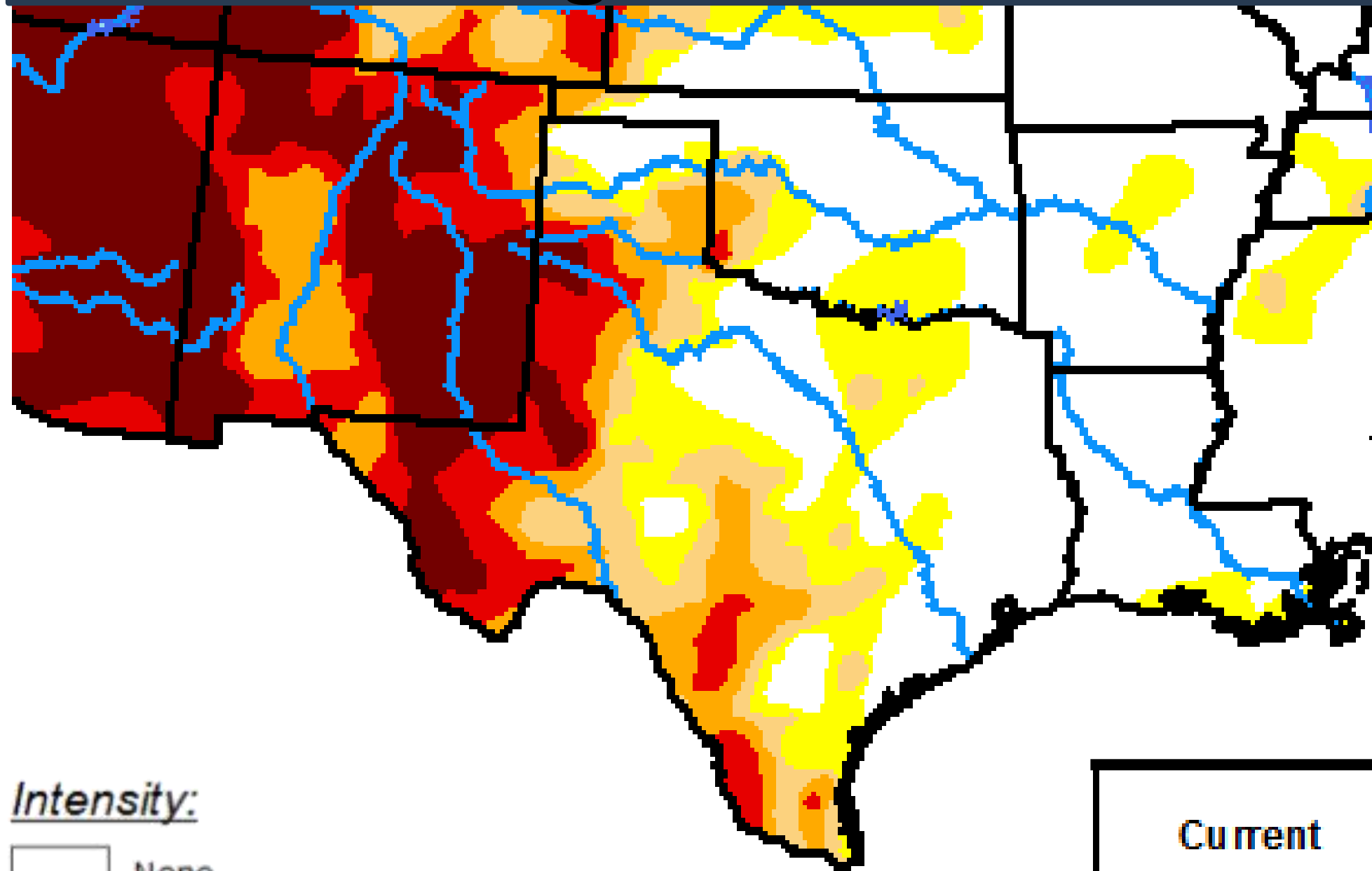
Drought Monitor (Released Jan 14, 2021)



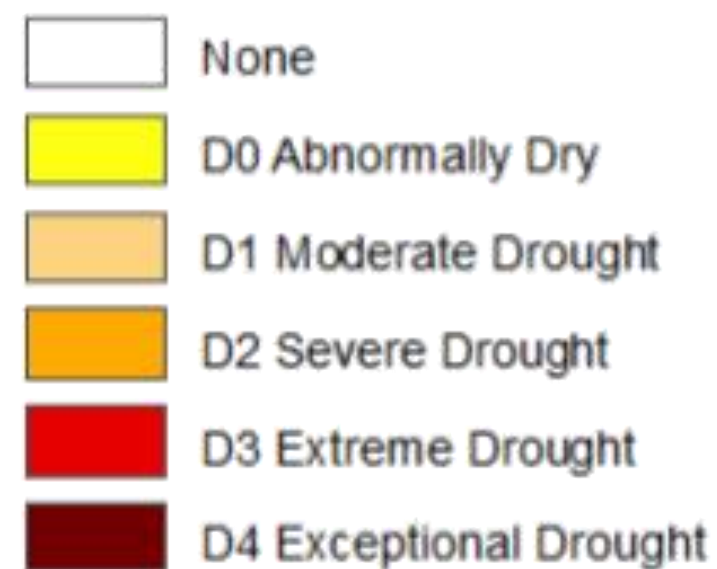
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Data valid as of 8 am ET on Tuesday, January 12, 2021

Drought Monitor

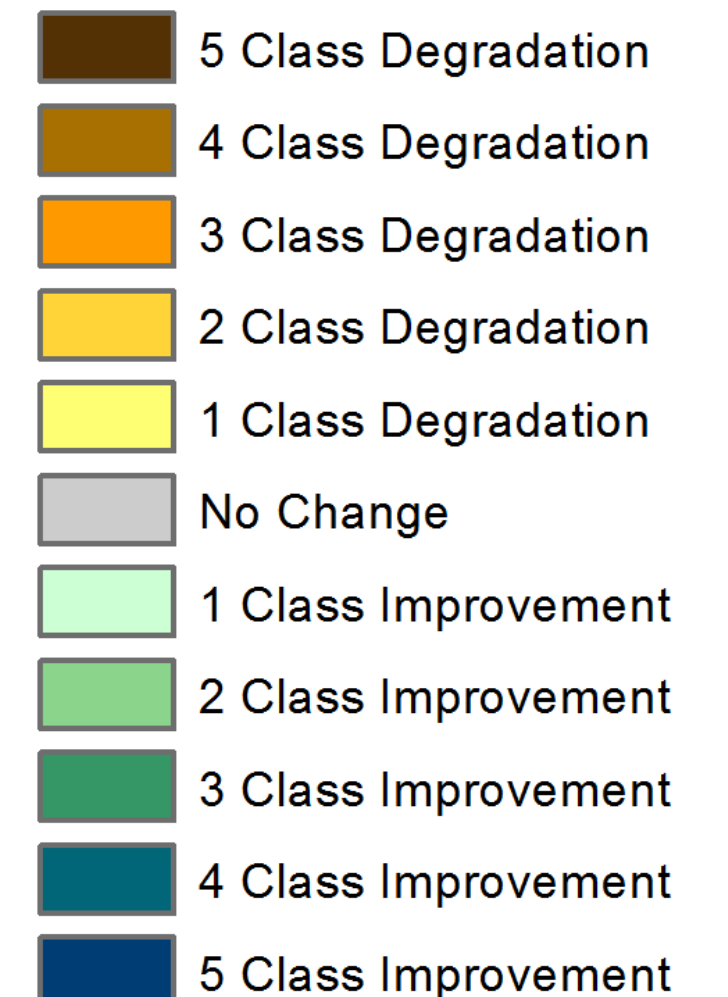
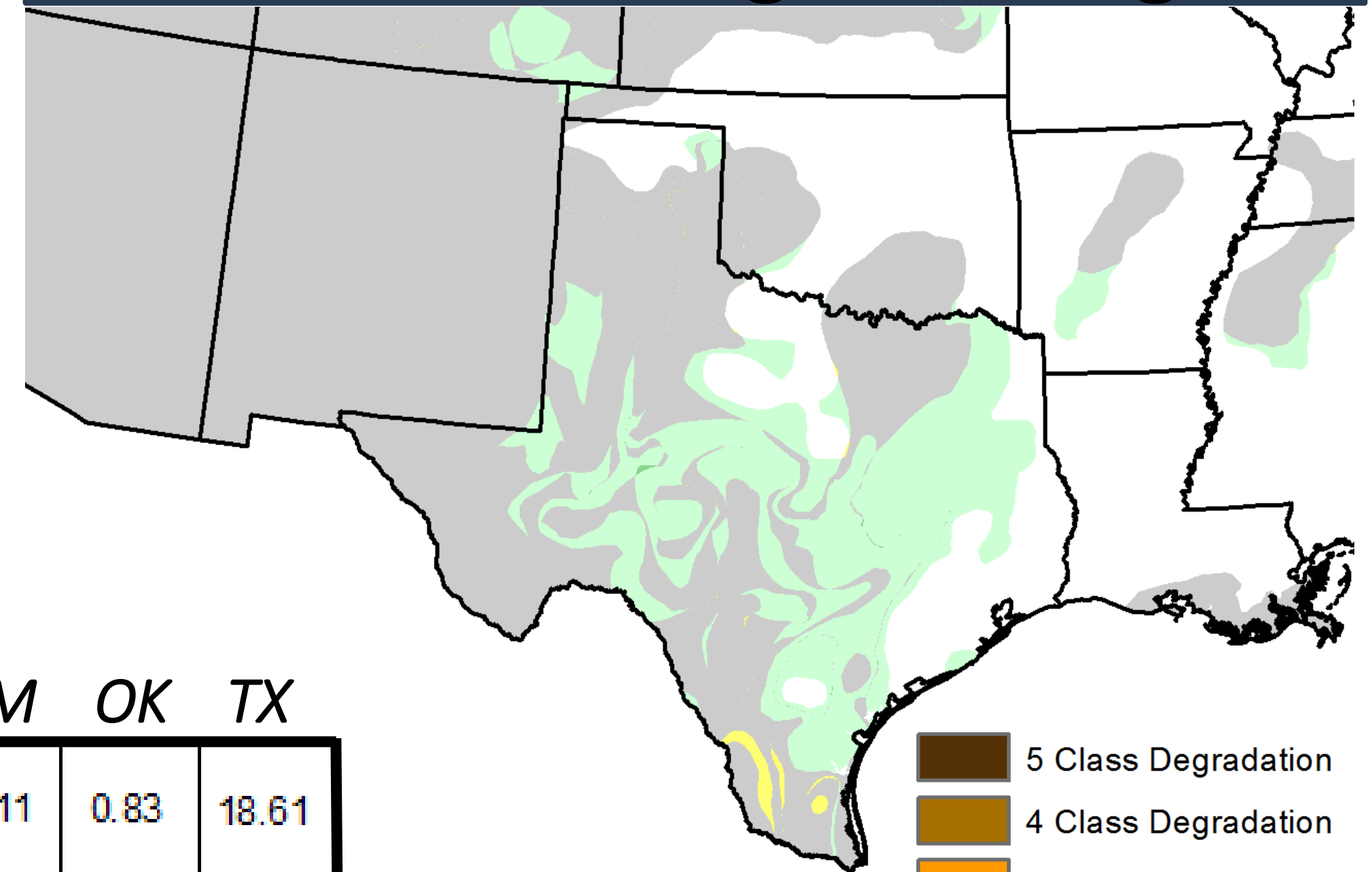


Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

One Week Change in Drought



	AR	LA	NM	OK	TX
Current	0.00	0.00	82.11	0.83	18.61
Last Week 01-05-2021	0.00	0.00	82.26	1.45	19.24
3 Months Ago 10-13-2020	0.00	0.00	53.56	2.56	13.67
One Year Ago 01-14-2020	0.00	0.00	0.00	0.00	1.29

Drought Conditions (Percent Area)

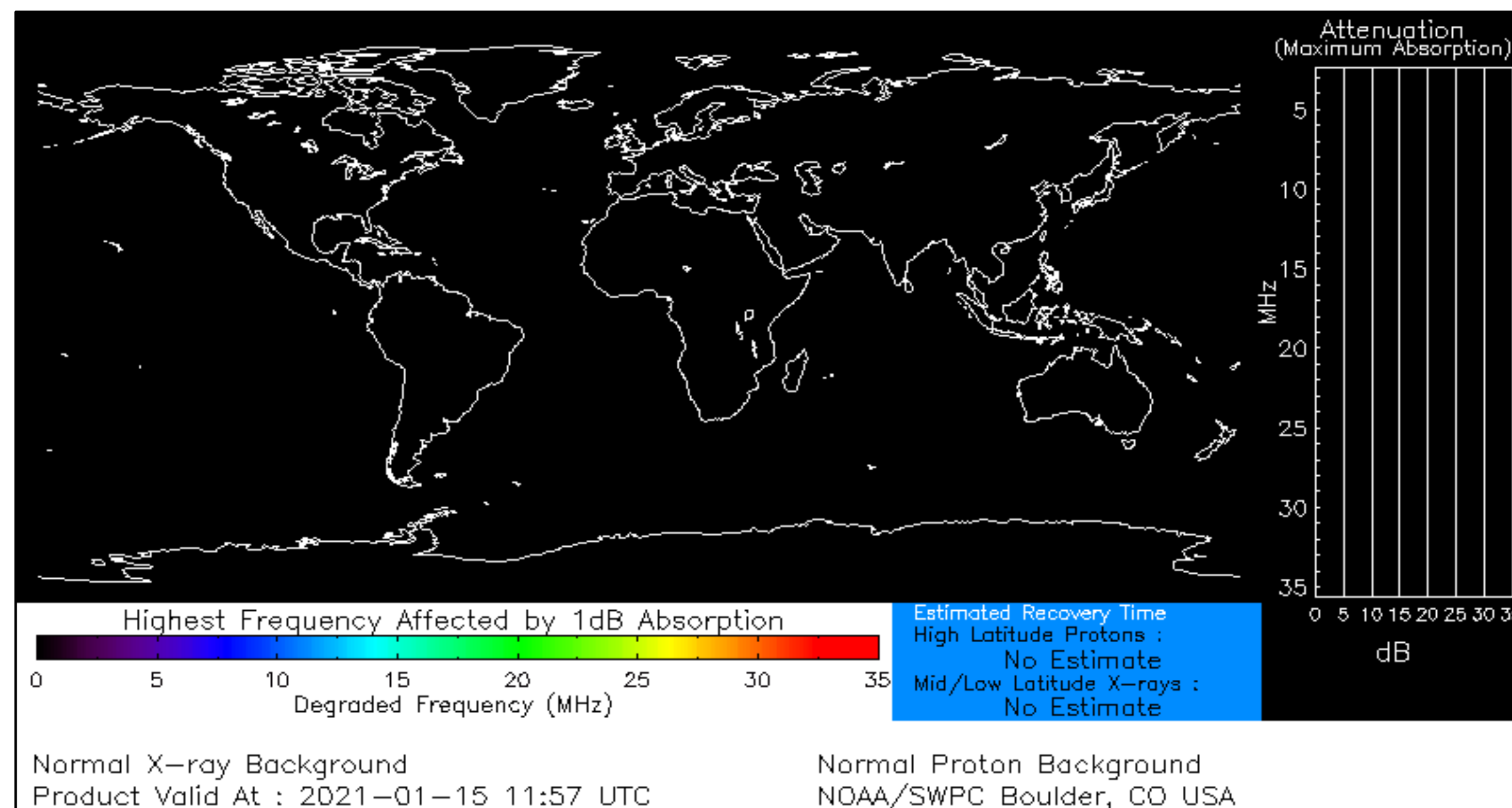
D3-D4 (Extreme to Exceptional Drought)

Space Weather 3-Day Forecast



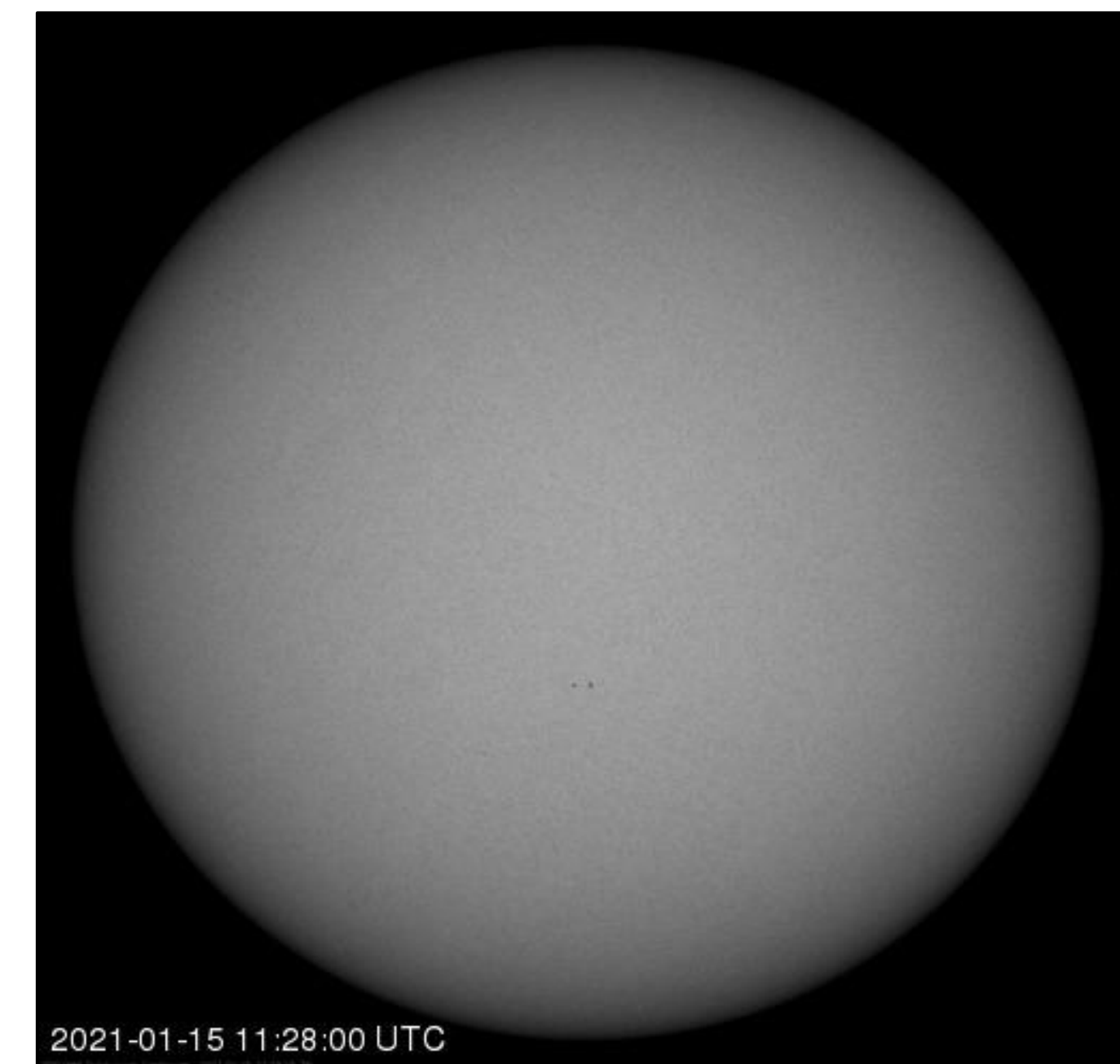
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	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov